

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2003/001274

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: A47C 19/00, 19/02, 31/12, 27/00, 27/04, 27/05, 27/12, 27/14, 27/22, 31/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

US Class marks: 5/131, 5/236.1, 5/244

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI: A47C 19/00, 19/02, 31/12 (relevant to Claims 1-34)+Keywords (Fold, Pivot, Angle, Incline)

IFIPAT: US Class marks 5/131, 5/236.1, 5/244 + Keywords (as above)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 6088853 A (JANSEN), 18 July 2000 Figures	1- 12 13-24, 25-34
X A	EP 120 1164 A (SIDDALL AND HAMILTON LTD.), 2 May 2002	1-12 13-24, 25-34
X A	WO 2001/070163 A (HILL-ROM SERVICES, INC.), 27 September 2001 Figures	1-12 12-24, 25-34



Further documents are listed in the continuation of Box C



See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
23 January 2004

Date of mailing of the international search report

- 9 FEB 2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	EP 374 742 B1 (DI BLASI), 5 October 1994 Figures	1-12 13-24, 25-34
X	FR 275 5358 A (ONIRIS SA (FR)), 7 May 1998 Figures	1-12 13-24, 25-34
X A	CA 214 6706 A (ROSSDEUTSCHER), 11 October 1996 Figures	1-12 13-24, 25-34
X	WO 2002 015750 A (PIRAINO), 28 February 2002 Figures	1-34
A	EP 103 807 B1 (HOLLMANN), 28 March 1984 Figures	1-34

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Box I Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos :
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos :
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos :
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)

Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

The international application does not comply with the requirements of unity of invention because it does not relate to one invention or to a group of inventions so linked as to form a single general inventive concept. In coming to this conclusion the International Searching Authority has found that there are three inventions:

.....continued on a separate sheet

1. ☐
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:1-34

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

Supplemental Box

(To be used when the space in any of Boxes I to VIII is not sufficient)

Continuation of Box No: II

1. Claim groups 1-12, 13-24, 25-34 are directed to a support base for a bed mattress including an adjustable support means for selectively adjusting a portion of the mattress out of the plane of extension of the adjacent remainder of the mattress (see independent claims 1, 13, 25). The aspect of the portions of the support base being able to rotate relative to one another is considered to comprise a "first special technical feature".
2. Claims 35-40 are directed to a support base for a bed mattress having a plurality of transverse elongate cams for supporting the said mattress and adjustment means for the cams which is considered to comprise a "second separate special technical feature"
3. Claims 41-42 are directed to a customised bed and mattress structure to suit the requirements of individual user's musculoskeletal conditions as defined in the independent claim 41 and is considered to constitute a "third separate special technical feature".

Since the above mentioned group of claims do not share either of the technical features identified, a "technical relationship" between the inventions as defined in PCT rule 13.2 does not exist. Accordingly the international application does not relate to one invention or to a single inventive concept

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Information on patent family members

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
US	6088853	CA	2238220	CN	1200259	DE	19727752
		EP	0884011	JP	11070035		
EP	1201164	AU	83597/01	CA	2360265	JP	2002177097
		US	2002078509	US	2003182729		
WO	2001/070163	AU	33177/01	CA	2403379	EP	1263385
		US	6363552	US	2002095724		
EP	0374742	AU	47184/89	CA	2005274	JP	2213347
		US	5109558				
FR	2755358						
CA	2146706	US	5916086	US	5926872		
WO	2002/015750	AU	83698/01	CA	2419917	EP	1315433
EP	0103807						
END OF ANNEX							